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- (56)
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- (65) **Prior Publication Data**

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- (30) **Foreign Application Priority Data**

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- (51) **Int. Cl.**  
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(57) **ABSTRACT**

- (52) U.S. Cl.  
CPC .... **B29C 45/1418** (2013.01); **B29C 45/14008**  
(2013.01); **B29C 45/42** (2013.01);  
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A molding system **10** for manufacturing a molded article **Q** by integrally molding a sheet-shaped insert member **S** and a molding material **R**, the molding system comprising: a sheet supply part **20** configured to supply the insert member **S**; a sheet heating part **30** configured to heat the insert member **S**; a molding apparatus **100** configured to form the molded article **Q** by integrally molding the insert member **S** and the molding material **R**; an ejector **200** including a delivery position **222** and configured to transfer the insert member **S** between the sheet heating part **30** and the molding apparatus **100** and to eject and transfer the molded article **Q** from the molding apparatus; and a transfer robot configured to transfer the insert member **S** or the molded article **Q** between the sheet supply part **20** and the ejector.

- (58) **Field of Classification Search**  
CPC ..... B29C 45/1418; B29C 45/14008; B29C  
45/0084; B29C 45/382; B29C 2045/425;  
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**4 Claims, 9 Drawing Sheets**

See application file for complete search history.

